

Converting Colors

Hex(90E476)

Have a look what the booklet for
Hex(90E476) contains.

Hex(90E476)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(90E476)

Conversions

Conversions Part 1

Format	Color
Hex	90E476
RGB	144, 228, 118
RGB Percent	56%, 89%, 46%
CMY	0.4353, 0.1059, 0.5373
CMYK	0.37, 0.00, 0.48, 0.11
HSL	106°, 67%, 68%
HSV	106°, 48%, 89%
XYZ	42.5150, 62.7241, 27.0057
YIQ	190.3440, -14.7540, -52.0180

Conversions

Conversions Part 2

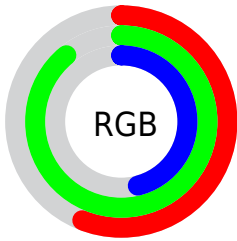
Format	Color
RYB	118, 228, 202
Decimal	9495670
CIELab	83.30, -45.62, 45.54
CIELCh	83, 64.459, 135.046
Yxy	62.7241, 0.3215, 0.4743
Android (android.graphics.Color)	4287685750 (0xFF90E476)
YUV	190.3440, -35.6656, -40.6437
Hunter-Lab	79.1985, -42.7759, 35.2218

Details

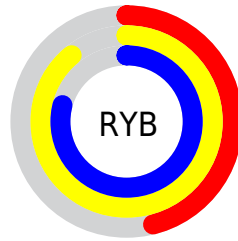
The Hex color **90E476** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **CA76E4**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **C9FFAC**, and **58AC42** is the 20% darker color. If you saturate the color by 10%, you get **7FE45F**, and if you desaturate by 10%, it is **A1E48D**.

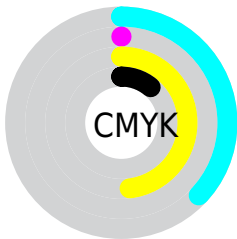
Distribution



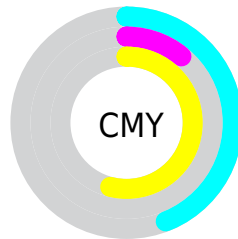
- Red (56%)
- Green (89%)
- Blue (46%)



- Red (46%)
- Yellow (89%)
- Blue (79%)



- Cyan (37%)
- Magenta (0%)
- Yellow (48%)
- Black (11%)



- Cyan (44%)
- Magenta (11%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90E476 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 90E476 by changing the saturation by 10% instead.

 90E476

 90E476

FFFFFF

 74C85C

 C9FFAC

 58AC42

 E6FFC8

 3B9128

 FFFFE4

 1A770A

 005D00

 004500

 002E00

 001400

 000000

 90E476

 90E476

 7FE45F

 A1E48D

 6DE448

 B3E4A4

 5CE432

 C4E4BA

 4AE41B

 D6E4D1

 39E404

 E7E4E8

 36E400

 F8E4FF

 FFE4FF

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



D5D653



90E476



00ECAE

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90E476



00DFFF



FF9BB3

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



90E476



CA76E4

Split Complementary

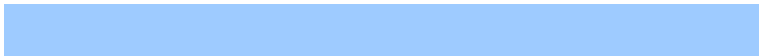
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF9FF0



90E476



9ECBFF

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



90E476



00EAFB



FBB3FF



FFAB7C

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90E476



00EED8



FBB3FF



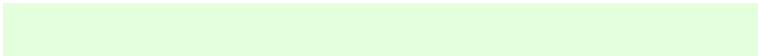
FF9AC8

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



90E476



E4FFDB



E4C976



6F806A



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



90E476



8EFF6B



76E492



6A7367



2AB300



0C3300

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



CA76E4



DC6BFF



E476C9



706773



8800B3



270033

Previews

White Background



This preview shows how the Hex color 90E476 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 90E476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 90E476 Background



This preview shows how black text looks on a background with the Hex color 90E476.

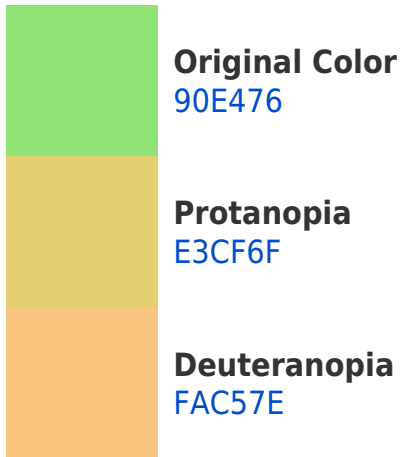


This preview shows how white text looks on a background with the Hex color 90E476.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

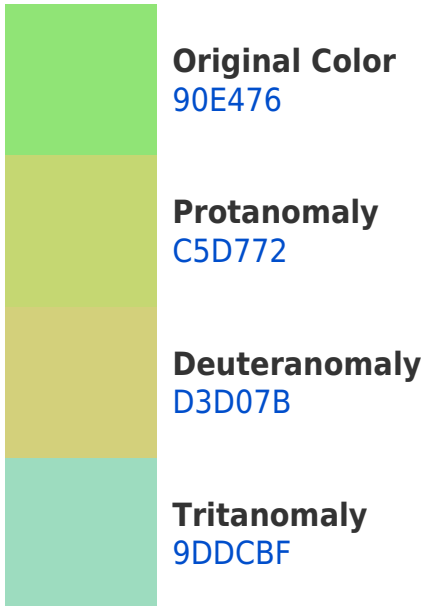
Dichromacy



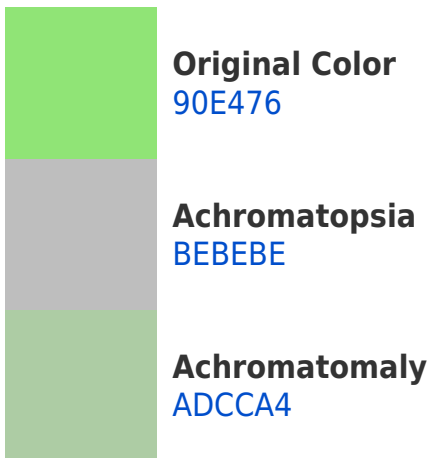


Tritanopia
A4D7E8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 90E476 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #90E476 looks like.

```
.text, #text, p{  
    color:#90E476  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #90E476 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90E476  
}
```

Border

The CSS property to change the border of an element to Hex 90E476 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#90E476 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#90E476 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #90E476 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90E476; -webkit-box-shadow:4px 4px  
4px 4px #90E476; box-shadow:4px 4px 4px  
4px #90E476 }
```

Background

The CSS property to change the background color of an element to Hex 90E476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90E476 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#90E476 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor